

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	S25 and (diffractive or diffraction ("5825408").PN.	US-PGPUB; USPAT	AND	ON	2007/08/20 16:48
L2	1	l1 and zoom	US-PGPUB; USPAT	OR	OFF	2007/08/21 08:44
L3	1	l3 and camera	US-PGPUB; USPAT	AND	ON	2007/08/21 09:24
L4	1	l3 and camera	US-PGPUB; USPAT	AND	ON	2007/08/21 11:14
L5	0	l1 and viewfinder	US-PGPUB; USPAT	AND	ON	2007/08/21 11:14
L6	0	l1 and preview	US-PGPUB; USPAT	AND	ON	2007/08/21 12:56
L7	529	(348/340).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/21 12:56
L8	0	("l7and@ad<199705610").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/21 12:57
L9	527	l7 and @ad<"199705610"	US-PGPUB; USPAT	AND	ON	2007/08/21 12:57
L10	100	l7 and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2007/08/21 12:57
L11	293	348/342	US-PGPUB; USPAT	AND	ON	2007/08/21 12:57
L12	70	l11 and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2007/08/21 12:58
L13	361	348/347	US-PGPUB; USPAT	AND	ON	2007/08/21 12:57
L14	192	(348/342).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/21 12:58
L15	85	l14 and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2007/08/21 12:58
L16	202	(348/347).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/21 12:58
L17	117	l16 and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2007/08/21 12:58
S1	5	((("5097352") or ("6288767") or ("5047847") or ("5150234") or ("5052791")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/20 15:35
S2	0	S1 and (phone or telephone or mobile)	US-PGPUB; USPAT	AND	ON	2007/08/20 15:29

## EAST Search History

S3	0	S1 and diffractive	US-PGPUB; USPAT	AND	ON	2007/08/20 15:35
S4	0	S1 and diffraction	US-PGPUB; USPAT	AND	ON	2007/08/20 15:38
S5	1	(endoscope same telephone).ab.	US-PGPUB; USPAT	AND	ON	2007/08/20 15:40
S6	1	(endoscope same phone).ab.	US-PGPUB; USPAT	AND	ON	2007/08/20 15:40
S7	5	(endoscope same mobile).ab.	US-PGPUB; USPAT	AND	ON	2007/08/20 15:40
S8	1	(endoscope same telephone).ab.	US-PGPUB; USPAT	AND	ON	2007/08/20 15:40
S9	145	(endoscope same telephone)	US-PGPUB; USPAT	AND	ON	2007/08/20 15:41
S10	7	S9 and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 15:45
S11	689	varifocal	US-PGPUB; USPAT	AND	ON	2007/08/20 15:45
S12	395	S11 and camera	US-PGPUB; USPAT	AND	ON	2007/08/20 15:45
S13	232	S12 and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 15:46
S14	9	S13 and (phone or telephone or mobile)	US-PGPUB; USPAT	AND	ON	2007/08/20 15:46
S15	7	(US-6288767-\$ or US-5150234-\$ or US-5097352-\$ or US-5052791-\$ or US-5047847-\$ or US-6469683-\$ or US-4943860-\$).did.	USPAT	AND	ON	2007/08/20 15:54
S16	5	S15 and camera	USPAT	AND	ON	2007/08/20 16:13
S17	6	(variable same optical same (telephone or phone or mobile)).ab.	USPAT	AND	ON	2007/08/20 16:16
S18	174	(348/211.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/20 16:16
S19	35	S18 and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 16:24
S20	9	S19 and zoom	US-PGPUB; USPAT	AND	ON	2007/08/20 16:31
S21	3012	(455/556.1,557).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/20 16:31
S22	313	S21 and lens	US-PGPUB; USPAT	AND	ON	2007/08/20 16:31
S23	8	S22 and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 16:45

## EAST Search History

S24	1	S23 and (diffractive or diffraction)	US-PGPUB; USPAT	AND	ON	2007/08/20 16:46
S25	1	("5889567").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/20 16:48
S26	1	S25 and (diffractive or diffraction)	US-PGPUB; USPAT	AND	ON	2007/08/20 16:48
S27	0	S25 and (diffractive or diffraction) and camera	US-PGPUB; USPAT	AND	ON	2007/08/20 16:49
S28	106287	("348").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/08/20 16:49
S29	456	S28 and camera and (diffractive or diffraction) and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 16:49
S30	103	S28 and camera and ((diffractive or diffraction) same "optical system") and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 16:52
S31	45	S28 and camera and ((diffractive or diffraction) same "optical element") and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 16:53
S32	30	S28 and camera and ((diffractive or diffraction) with "optical element") and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 16:56
S33	4129	"diffractive optical element"	US-PGPUB; USPAT	AND	ON	2007/08/20 16:56
S34	404	S33 and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 16:56
S35	115	S34 and (camera or imager or "imaging device")	US-PGPUB; USPAT	AND	ON	2007/08/20 16:57
S36	101	S35 not S32	US-PGPUB; USPAT	AND	ON	2007/08/21 08:44